

STIC-Biotech/ChemLib

69624

From: Chan, Christina  
Sent: Tuesday, June 18, 2002 11:28 AM  
To: Holleran, Anne; STIC-Biotech/ChemLib  
Subject: RE: RUSH sequence search for 09/822,295

Please rush. Thanks Chris

-----Original Message-----

From: Holleran, Anne  
Sent: Tuesday, June 18, 2002 11:11 AM  
To: Chan, Christina  
Subject: RUSH sequence search for 09/822,295

Hi, please approve and forward to STIC the following sequence search request. This is a date case. Thanks.

Please search the following sequences for 09/822,295:

1. commercial and patent database search of SEQ ID NO: 2 (aa)
2. commercial and patent database oligomer search of SEQ ID NO: 2(aa)
3. commercial and patent database search of the following fragments:

aa1- aa294  
aa49- aa807  
aa295- aa807  
aa1-48 joined with aa295-807

Thanks.

Anne Holleran  
RM: 8e03  
AU 1642  
TEL: 308-8892

GER

Point of Contact:  
Toby Port  
Technical Info. Specialist  
CM1 6A04  
703-308-3534

Searcher: \_\_\_\_\_  
Phone: \_\_\_\_\_  
Location: \_\_\_\_\_  
Date Picked Up: 6/24  
Date Completed: 6/24  
Searcher Prep/Review: \_\_\_\_\_  
Clerical: \_\_\_\_\_  
Online time: \_\_\_\_\_

TYPE OF SEARCH:  
NA Sequences: \_\_\_\_\_  
AA Sequences: \_\_\_\_\_  
Structures: \_\_\_\_\_  
Bibliographic: \_\_\_\_\_  
Litigation: \_\_\_\_\_  
Full text: \_\_\_\_\_  
Patent Family: \_\_\_\_\_  
Other: \_\_\_\_\_

VENDOR/COST(where applic.)  
STN: \_\_\_\_\_  
DIALOG: \_\_\_\_\_  
Questel/Orbit: \_\_\_\_\_  
DRLink: \_\_\_\_\_  
Lexis/Nexis: \_\_\_\_\_  
Sequence Sys.: \_\_\_\_\_  
WWW/Internet: \_\_\_\_\_  
Other (specify): \_\_\_\_\_







[illegible][illegible]















[illegible]















Query Match 1.00; Score 13; DB 4; Length 19;  
 Best Local Similarity 100.0%; Pred. No. 9.7e-06;  
 Matches 11; Conservative 0; Mismatches 0; Indels 0;

US-09-822-295-2  
 1 NESTER KENNETH L  
 1 NESTER KENNETH L

GENERAL INFORMATION:  
 APPLICANT: AGRI. NADLLO  
 APPLICANT: ELLIOTT AGRI  
 TITLE OF INVENTION: PROTEIN TYROSINE PHOSPHATASE PTP2  
 TITLE OF INVENTION: ANT. RELATED PRODUCTS AND METHODS  
 NUMBER OF SEQUENCES: 7  
 ADDRESS: NESTER ADDRESS:  
 ADDRESS: 1000 S. 1000  
 STREET: 1000 West Fifth Street  
 CITY: Los Angeles  
 STATE: California  
 COUNTRY: U.S.A.

GENERAL INFORMATION:  
 MED. FORM TYPE: FLOPPY DISK  
 MED. FORM TYPE: 1.44 MB  
 OPERATING SYSTEM: IBM PC, DOS 5.0  
 SOFTWARE: FASTSEQ FOR WINDOWS 2.0  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/09/051.760A  
 FILING DATE: October 10, 1997  
 CLASSIFICATION: 455

GENERAL INFORMATION DATA:  
 APPLICATION NUMBER: 09/050.860  
 FILING DATE: 10/04/1997  
 APPLICATION NUMBER: 09/050.860  
 FILING DATE: 10/04/1997  
 ATTORNEY/AGENT: JEFFREY R. RICHARDSON  
 NAME: JEFFREY R. RICHARDSON  
 REGISTRATION NUMBER: 227/004  
 REFERENCE NUMBER: 227/004  
 TELEPHONE: (213) 469-6000  
 TELEFAX: (213) 955-0440  
 FAX: (213) 955-0440

GENERAL INFORMATION:  
 LENGTH: 45 amino acids  
 TYPE: amino acid  
 STRAND: SINGLE  
 TOPOLOGY: single  
 MOLECULE TYPE: protein

Query Match 1.18; Score 11; DB 3; Length 45;  
 Best Local Similarity 100.0%; Pred. No. 0.010;  
 Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

US-09-822-295-2  
 1 NESTER KENNETH L  
 1 NESTER KENNETH L

US-09-822-295-2

Sequence 2, Application US/088.1278A  
 Patent No. 6238902  
 GENERAL INFORMATION:  
 APPLICANT: Cheng, Jili  
 APPLICANT: Jasky, Laurence A.  
 TITLE OF INVENTION: Protein Tyrosine Phosphatase  
 FILE REFERENCE: P101081  
 CURRENT APPLICATION NUMBER: US/09/051.760A  
 CURRENT FILING DATE: 1997-03-20  
 NUMBER OF SEQ ID NOS: 23  
 SEQ ID NO 2  
 LENGTH: 453  
 TYPE: PRT  
 ORGANISM: Mus Musculus  
 US-08-821-278A-2

Query Match 1.48; Score 11; DB 4; Length 453;  
 Best Local Similarity 100.0%; Pred. No. 0.010;  
 Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

US-09-822-295-2  
 1 NESTER KENNETH L  
 1 NESTER KENNETH L

GENERAL INFORMATION:  
 APPLICANT: Schlessinger, Joseph  
 APPLICANT: Sap, Jan M.  
 TITLE OF INVENTION: NOVEL RECEPTOR-TYPE PROSTH. TYROSINE  
 TITLE OF INVENTION: PHOSPHATASE-ALPHA  
 NUMBER OF SEQUENCES: 14  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: PENNIE & EDMONDS  
 STREET: 1155 AVENUE OF THE AMERICAS  
 CITY: NEW YORK  
 STATE: NEW YORK  
 COUNTRY: U.S.A.  
 ZIP: 10036

COMPUTER READABLE FORM:  
 MEDIUM TYPE: FLOPPY DISK  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: Patent Release #1.0, Version #1.25  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/09/015.985  
 FILING DATE: 10-FEB-1993  
 CLASSIFICATION: 455

ATTORNEY/AGENT INFORMATION:  
 NAME: Coruzzi, Laura A.  
 REGISTRATION NUMBER: 30,742  
 REFERENCE/DOCKET NUMBER: 7681-620  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (212) 790-9090  
 TELEFAX: (212) 869-9741/8664  
 FAX: (212) 869-9741/8664

GENERAL INFORMATION:  
 LENGTH: 245 amino acids  
 TYPE: amino acid  
 STRAND: SINGLE  
 TOPOLOGY: unknown  
 MOLECULE TYPE: protein

Query Match 1.28; Score 10; DB 1; Length 245;  
 Best Local Similarity 100.0%; Pred. No. 0.098;  
 Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

US-09-822-295-2























[illegible]











































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[illegible]

Kf protein of nonobese of *T. tritarsus* (1996),  
Kf, EMS, J., 15, 2102-2114 (1996).















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Wed Jun 19 08:46:17 2002

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[illegible]

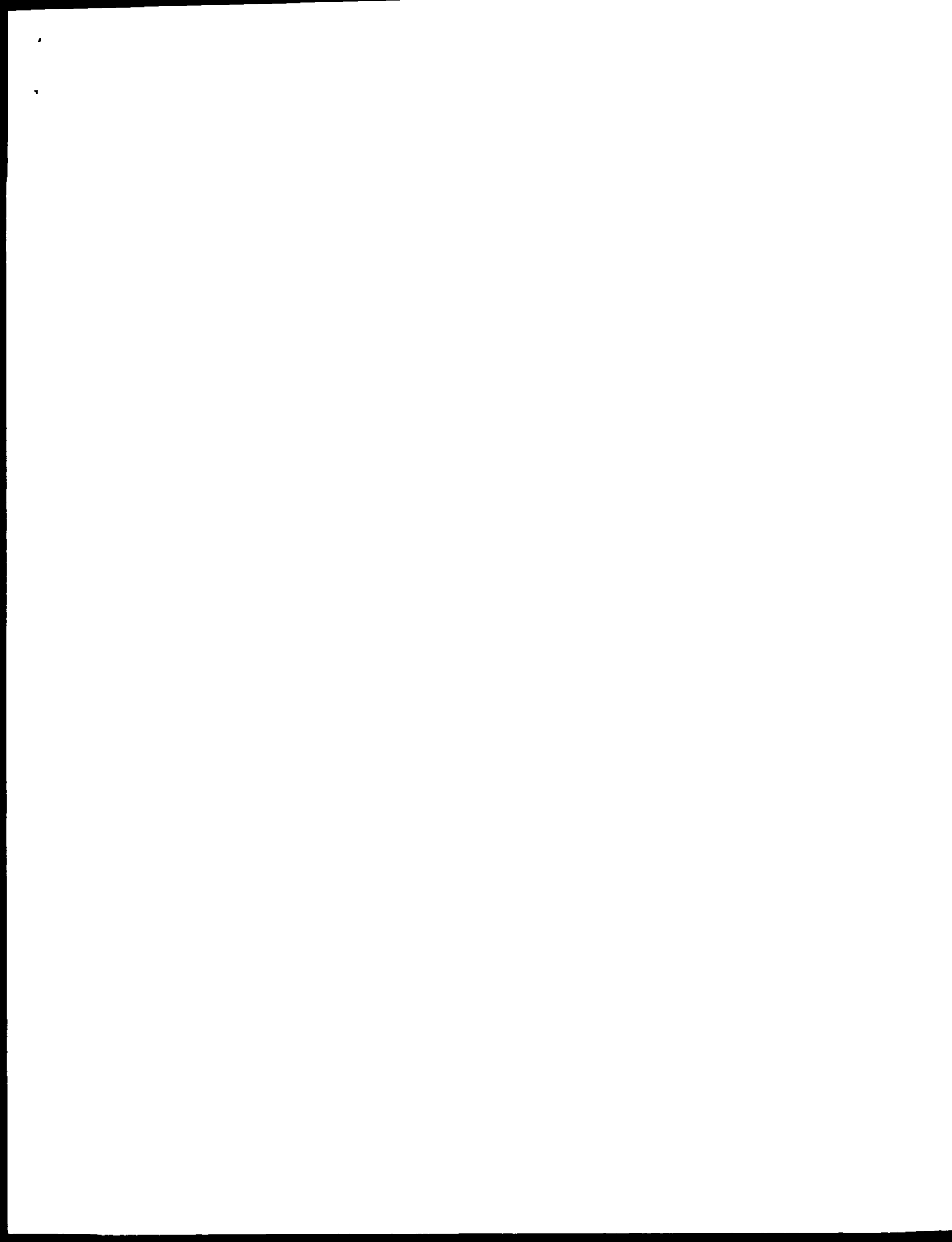






















Wed Jun 19 08:46:16 2002

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[illegible]

	Length	48.1	
Stomach	167	Prod. No.	6-46-07?
Weight	19.0	Mismatches	0;
Index	1.1	Gaps	0

**Figure 6.** The effect of the number of iterations on the accuracy of the proposed algorithm. The figure shows two plots side-by-side. The left plot shows the accuracy of the proposed algorithm (in %) versus the number of iterations (from 0 to 100). The right plot shows the accuracy of the proposed algorithm (in %) versus the number of iterations (from 0 to 100).

[illegible]

N. A. Kuznetsov, *Journal of Statistical Theory and Applications* 12 (2013) 199-206. <https://doi.org/10.1080/15337881.2013.764215>

biochemical data were obtained from the National Biochemical Data Bank, Bethesda, Md., U.S.A. (1996).

[illegible]

A. K. K. 1407; EMBL: D52136; NCBI: 1420486; PubMed: 252847; J. Biol. Chem. 276: 20687-20694 (2001)  
 A. K. K. 1408; EMBL: D52137; NCBI: 1420487; PubMed: 252847; J. Biol. Chem. 276: 20687-20694 (2001)  
 A. K. K. 1409; EMBL: D52138; NCBI: 1420488; PubMed: 252847; J. Biol. Chem. 276: 20687-20694 (2001)

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40. Kozak, M. 2013. The scanning model for translation: an update. *Cell* 152: 281-290.

41. Kozak, M. 2014. The scanning model for translation: an update. *Cell* 156: 281-290.

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44. Kozak, M. 2017. The scanning model for translation: an update. *Cell* 168: 281-290.

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46. Kozak, M. 2019. The scanning model for translation: an update. *Cell* 176: 281-290.

47. Kozak, M. 2020. The scanning model for translation: an update. *Cell* 180: 281-290.

48. Kozak, M. 2021. The scanning model for translation: an update. *Cell* 184: 281-290.

49. Kozak, M. 2022. The scanning model for translation: an update. *Cell* 188: 281-290.

50. Kozak, M. 2023. The scanning model for translation: an update. *Cell* 192: 281-290.

51. Kozak, M. 2024. The scanning model for translation: an update. *Cell* 196: 281-290.

52. Kozak, M. 2025. The scanning model for translation: an update. *Cell* 200: 281-290.

[illegible][illegible][illegible][illegible]

Address: 17777 11th Ave., #100, N. Hollywood, CA 91606-2972  
 Phone: (818) 708-8840  
 Fax: (818) 708-8840  
 E-mail: [info@nba.com](mailto:info@nba.com)  
 Web: <http://www.nba.com>  
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Rejzmann, P.; Ruller, H.-D.; Whelton, S.; Gartin, E.A.: *Journal of Polymer Science: Polymer Chemistry Edition* 1997, 35, 1031-1040.

submitted to the *Journal of Interpersonal Violence* 10/1/94.  
 Description: Multiple copies of the original manuscript.  
 Accession number: S41564

A. Accession: S41504  
A. Molecular type: DNA  
A. Biosources: 1-370, °S, 37.2-61.9, °C, 10<sup>6</sup> to 10<sup>8</sup>, JAV  
A. Strains: 1-370, °S, 37.2-61.9, °C, 10<sup>6</sup> to 10<sup>8</sup>, JAV

[illegible]

J. Biol. Chem. 267:10243-10247 (1992)  
 A: title: The RPL gene of yeast encodes  
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A: Accession: S14170  
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 C: Molecule type: DNA

A.: Rosalupes; L-67/0319  
A.: Torres-Torres; EMH-M8/2A  
R.: James; P.; Hall; B.D.; Whelton; S.; et al., p.A.

Gene 122, 101-110, 1992.  
A 111 kD Multiple protein tyrosine phosphatase associated genes in the tyrosine kinase reference number: 35-1464, 1987-9 (ref 67)

A: Molecules 100; A: Accession: J01484  
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C; Bonell:es;  
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A: Map position: 15k  
C: Superfamily: proleu-tyrosine-phosphatase: biologically  
C: Superfamily: proleu-tyrosine-phosphatase: biologically  
C: Superfamily: proleu-tyrosine-phosphatase: biologically

#: Keywords: cell division; cytoskeleton; phosphatase; home; only; 1000  
1: 608-726/Domain: Protein; cytoskeleton; phosphatase; home; only; 1000  
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1: 656-674/Keyword: nucleotide binding site; protein; product

17606/Activator: GYS (Glycogen synthase)  
17607/Binding site: Substrate: Phosphate (ATP) # of units produced  
17608/Binding site: Substrate: Phosphate (ATP) # of units produced

[illegible]

Author	Year	Country	Sample Size	Age Range	Gender	Study Type
Wong, P. K. & Cheung, C. H.	2002	China	1,000	10-12	Male	Experimental
Wong, P. K. & Cheung, C. H.	2003	China	1,000	10-12	Male	Experimental
Wong, P. K. & Cheung, C. H.	2004	China	1,000	10-12	Male	Experimental
Wong, P. K. & Cheung, C. H.	2005	China	1,000	10-12	Male	Experimental
Wong, P. K. & Cheung, C. H.	2006	China	1,000	10-12	Male	Experimental
Wong, P. K. & Cheung, C. H.	2007	China	1,000	10-12	Male	Experimental
Wong, P. K. & Cheung, C. H.	2008	China	1,000	10-12	Male	Experimental
Wong, P. K. & Cheung, C. H.	2009	China	1,000	10-12	Male	Experimental
Wong, P. K. & Cheung, C. H.	2010	China	1,000	10-12	Male	Experimental
Wong, P. K. & Cheung, C. H.	2011	China	1,000	10-12	Male	Experimental
Wong, P. K. & Cheung, C. H.	2012	China	1,000	10-12	Male	Experimental
Wong, P. K. & Cheung, C. H.	2013	China	1,000	10-12	Male	Experimental
Wong, P. K. & Cheung, C. H.	2014	China	1,000	10-12	Male	Experimental
Wong, P. K. & Cheung, C. H.	2015	China	1,000	10-12	Male	Experimental
Wong, P. K. & Cheung, C. H.	2016	China	1,000	10-12	Male	Experimental
Wong, P. K. & Cheung, C. H.	2017	China	1,000	10-12	Male	Experimental
Wong, P. K. & Cheung, C. H.	2018	China	1,000	10-12	Male	Experimental
Wong, P. K. & Cheung, C. H.	2019	China	1,000	10-12	Male	Experimental
Wong, P. K. & Cheung, C. H.	2020	China	1,000	10-12	Male	Experimental
Wong, P. K. & Cheung, C. H.	2021	China	1,000	10-12	Male	Experimental
Wong, P. K. & Cheung, C. H.	2022	China	1,000	10-12	Male	Experimental
Wong, P. K. & Cheung, C. H.	2023	China	1,000	10-12	Male	Experimental
Wong, P. K. & Cheung, C. H.	2024	China	1,000	10-12	Male	Experimental
Wong, P. K. & Cheung, C. H.	2025	China	1,000	10-12	Male	Experimental

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11b	665	HCSAGGCTTCGY 675

protein tyrosine phosphatase (bar, 4.1–4.49), transmembrane protein tyrosine phosphatase (bar, 4.1–4.49), and protein tyrosine phosphatase (bar, 4.1–4.49).

[illegible]

K. M. LITVIN, L. B. ALEXANDERSON, and  
 E. M. HOFF, JR., *J. Polym. Sci. A-1*, **9**, 3483 (1971).  
 A. T. HALL, J. PYR, P. P. VASCO, and S. S. K. CHOW, *J. Polym. Sci. A-1*, **9**, 3493 (1971).

A: RefSeq no: NM\_020722  
A: Accession: S28342  
A: Molecule type: DNA

[illegible]

Manuscript received by the Editor July 17, 2008; revised manuscript received September 16, 2009. This paper was approved for publication on November 10, 2009.

A: Reference number: E21721

DOI: 10.1190/geo2008-0145

A: Accession number  
 A: Accession number  
 A: Status: preliminary  
 A: Molecular type: DNA  
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[illegible]

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A-Gene: pyp3
A-Map Position: 1

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**A:** Intuition: 96/3  
**C:** Supportability: Set of resources that can be used in a particular situation  
**E:** Supportability: Set of resources that can be used in a particular situation

100















Reference version 4.0  
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Search time 14.77 seconds

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Note: No. is the number of results predicted by chance to have a score higher than or equal to the score of the results being printed.  
and is followed by analysis of the total score distribution.

# SUMMARIES

Rank	Score	Match	Count	Dis	10	Description
1	6.7	4	US-09-081-345-2		Sequence 2, Appl	
2	6.7	4	US-08-821-278A-18		Sequence 18, Appl	
3	6.7	4	US-09-081-345-18		Sequence 18, Appl	
4	6.7	4	US-09-081-345-16		Sequence 16, Appl	
5	6.7	4	US-09-081-345-17		Sequence 17, Appl	
6	6.7	4	US-09-081-345-15		Sequence 15, Appl	
7	6.7	4	US-09-081-345-15		Sequence 20, Appl	
8	6.7	4	US-08-685-992-20		Sequence 19, Appl	
9	6.7	4	US-09-144-925-20		Sequence 21, Appl	
10	6.7	4	US-08-821-278A-19		Sequence 22, Appl	
11	6.7	4	US-08-821-278A-22		Sequence 2, Appl	
12	6.7	4	US-08-821-278A-7		Sequence 2, Appl	
13	6.7	4	US-08-821-278A-2		Sequence 8, Appl	
14	6.7	4	US-08-015-985-8		Sequence 26, Appl	
15	6.7	4	US-08-685-992-26		Sequence 5, Appl	
16	6.7	4	US-09-144-925-26		Sequence 5, Appl	
17	6.7	4	US-08-685-992-5		Sequence 18, Appl	
18	6.7	4	US-09-144-925-5		Sequence 18, Appl	
19	6.7	4	US-08-468-579A-18		Sequence 18, Appl	
20	6.7	4	US-08-468-579B-18		Sequence 19, Appl	
21	6.7	4	US-08-468-579B-19		Sequence 19, Appl	
22	6.7	4	US-08-468-579B-19		Sequence 3, Appl	
23	6.7	4	US-08-015-986A-4		Sequence 3, Appl	
24	6.7	4	US-08-468-579B-4		Sequence 3, Appl	

28	10	1.2	1445	1	US-08-015-986A-4	Sequence 2, Appl
29	10	1.2	1445	2	US-08-468-579B-4	Sequence 2, Appl
30	10	1.2	1445	2	US-08-468-579B-4	Sequence 2, Appl
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44	10	1.2	1445	2	US-08-468-579B-4	Sequence 2, Appl
45	10	1.2	1445	2	US-08-468-579B-4	Sequence 2, Appl

## Arguments

RESULT 1  
US-09-081-345-2  
Sequence 2, Appl  
GENERAL INFORMATION:  
APPLICANT: Gregory D. Lyman  
TITLE OF INVENTION: "METHODS AND APPARATUS FOR SEARCHING A DATABASE"  
REFERENCE TO PARENT APPLICATION: 18  
ADDRESS: Lyon & Lyon  
CITY: Suite 4700  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: storage  
OPERATING SYSTEM: IBM PC, DOS 5.0  
SOFTWARE: FastSeq for Windows 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/081-345  
FILING DATE: 10/10/97  
CLASSIFICATION:  
PRIORITY APPLICATION DATA:  
APPLICATION NUMBER: 60/017-222  
FILING DATE: May 20, 1997  
ATTORNEY/AGENT: Richard J. Lyman  
REGISTRATION NUMBER: 42,187  
REFERENCE TO PARENT APPLICATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0410  
FAX: 67-35-0  
INFORMATION FOR SEQ ID NO: 2:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 407 amino acids  
TYPE: amino acid  
ORGANISM: Human  
MOLWT: 46.8 kDa  
MOLWT: 46.8 kDa  
US-09-081-345-2

Query Match

100.0% Score 60.7 18.4 Length 407











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1 Patent No. 4,240,000  
 2 GENERAL INFORMATION  
 3 APPLICANT: Lasky, Laurence A.  
 4 TITLE OF INVENTION: Process for the preparation of  
 5 FILL REFERENCE: 010101  
 6 CURRENT APPLICANT'S NAME: US/09/042,170A  
 7 NUMBER OF SEQ. TO NOS: 23  
 8 SEQ. ID NO. 2  
 9 LENGTH: 454  
 10 TYPE: 181  
 11 ORGANISM: Mus Musculinus  
 12 US OR 821-278A 2  
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ALL INPUTS

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 TITLE OF INVENTION: PERSONAL AND DEPARTMENT OF  
 NUMBER OF SEQUENCES: 18  
 ADDRESS: 1000 West 11th Street  
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 STATE: California  
 COUNTRY: U.S.A.  
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 MEDICAL TYPE: 1.00 DISK/1.00 1.41 MB  
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 FILING DATE: May 20, 1997  
 INVENTOR: Gregory D. Plouffe  
 NAME: Gregory D. Plouffe  
 REGISTRATION NUMBER: 47,252  
 REGISTRATION DATE: 05/04/2002  
 TELEPHONE: (213) 489-1601  
 TELEPHONE: (213) 955-0410  
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 US-09-081-445-2  
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[illegible]

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Category	Material	Quantity	Unit	Value
Construction	Concrete	100	m <sup>3</sup>	10000
	Steel	50	kg	5000
Transportation	Truck	1	unit	10000
	Bus	1	unit	10000
Maintenance	Oil	100	liters	1000
	Parts	100	units	1000
Miscellaneous	Food	100	kg	1000
	Medical	100	units	1000

67. <https://doi.org/10.1016/j.jmb.2019.04.011>



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Database: 100% 2000 172,212

# SUMMARIES

Food: No. 18: The number of results predicted by chance to have a score above a rank or equal to the score of the result being printed, and its derived analysis of the total score distribution.

Rank	Score	Food	Score	Food
1	100	AAW9247	100	Human PTP04
2	99	AAW9247	99	Human PTP04
3	98	AAW9247	98	Human PTP04
4	97	AAW9247	97	Human PTP04
5	96	AAW9247	96	Human PTP04
6	95	AAW9247	95	Human PTP04
7	94	AAW9247	94	Human PTP04
8	93	AAW9247	93	Human PTP04
9	92	AAW9247	92	Human PTP04
10	91	AAW9247	91	Human PTP04
11	90	AAW9247	90	Human PTP04
12	89	AAW9247	89	Human PTP04
13	88	AAW9247	88	Human PTP04
14	87	AAW9247	87	Human PTP04
15	86	AAW9247	86	Human PTP04
16	85	AAW9247	85	Human PTP04
17	84	AAW9247	84	Human PTP04
18	83	AAW9247	83	Human PTP04
19	82	AAW9247	82	Human PTP04
20	81	AAW9247	81	Human PTP04
21	80	AAW9247	80	Human PTP04
22	79	AAW9247	79	Human PTP04
23	78	AAW9247	78	Human PTP04
24	77	AAW9247	77	Human PTP04
25	76	AAW9247	76	Human PTP04
26	75	AAW9247	75	Human PTP04
27	74	AAW9247	74	Human PTP04
28	73	AAW9247	73	Human PTP04
29	72	AAW9247	72	Human PTP04
30	71	AAW9247	71	Human PTP04
31	70	AAW9247	70	Human PTP04
32	69	AAW9247	69	Human PTP04
33	68	AAW9247	68	Human PTP04
34	67	AAW9247	67	Human PTP04
35	66	AAW9247	66	Human PTP04
36	65	AAW9247	65	Human PTP04
37	64	AAW9247	64	Human PTP04
38	63	AAW9247	63	Human PTP04
39	62	AAW9247	62	Human PTP04
40	61	AAW9247	61	Human PTP04
41	60	AAW9247	60	Human PTP04
42	59	AAW9247	59	Human PTP04
43	58	AAW9247	58	Human PTP04
44	57	AAW9247	57	Human PTP04
45	56	AAW9247	56	Human PTP04
46	55	AAW9247	55	Human PTP04
47	54	AAW9247	54	Human PTP04
48	53	AAW9247	53	Human PTP04
49	52	AAW9247	52	Human PTP04
50	51	AAW9247	51	Human PTP04
51	50	AAW9247	50	Human PTP04
52	49	AAW9247	49	Human PTP04
53	48	AAW9247	48	Human PTP04
54	47	AAW9247	47	Human PTP04
55	46	AAW9247	46	Human PTP04
56	45	AAW9247	45	Human PTP04
57	44	AAW9247	44	Human PTP04
58	43	AAW9247	43	Human PTP04
59	42	AAW9247	42	Human PTP04
60	41	AAW9247	41	Human PTP04
61	40	AAW9247	40	Human PTP04
62	39	AAW9247	39	Human PTP04
63	38	AAW9247	38	Human PTP04
64	37	AAW9247	37	Human PTP04
65	36	AAW9247	36	Human PTP04
66	35	AAW9247	35	Human PTP04
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68	33	AAW9247	33	Human PTP04
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70	31	AAW9247	31	Human PTP04
71	30	AAW9247	30	Human PTP04
72	29	AAW9247	29	Human PTP04
73	28	AAW9247	28	Human PTP04
74	27	AAW9247	27	Human PTP04
75	26	AAW9247	26	Human PTP04
76	25	AAW9247	25	Human PTP04
77	24	AAW9247	24	Human PTP04
78	23	AAW9247	23	Human PTP04
79	22	AAW9247	22	Human PTP04
80	21	AAW9247	21	Human PTP04
81	20	AAW9247	20	Human PTP04
82	19	AAW9247	19	Human PTP04
83	18	AAW9247	18	Human PTP04
84	17	AAW9247	17	Human PTP04
85	16	AAW9247	16	Human PTP04
86	15	AAW9247	15	Human PTP04
87	14	AAW9247	14	Human PTP04
88	13	AAW9247	13	Human PTP04
89	12	AAW9247	12	Human PTP04
90	11	AAW9247	11	Human PTP04
91	10	AAW9247	10	Human PTP04
92	9	AAW9247	9	Human PTP04
93	8	AAW9247	8	Human PTP04
94	7	AAW9247	7	Human PTP04
95	6	AAW9247	6	Human PTP04
96	5	AAW9247	5	Human PTP04
97	4	AAW9247	4	Human PTP04
98	3	AAW9247	3	Human PTP04
99	2	AAW9247	2	Human PTP04
100	1	AAW9247	1	Human PTP04

## REFERENCES

1	AAW9247	Human PTP04
2	AAW9247	Human PTP04
3	AAW9247	Human PTP04
4	AAW9247	Human PTP04
5	AAW9247	Human PTP04
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 3 MEDIUM TYPE: 16M COMPACT  
 4 COMPACT: 16M COMPACT  
 5 COMPACT: 16M COMPACT  
 6 SOFTWARE: PARTS FOR WINDOWS 2.0  
 7 CHILDREN APPLICATION DATA:  
 8 ALTERNATIVE REFERENCE: 1970/001/045  
 9 FILING DATE: 1970/04/04  
 10 CLASSIFICATION:  
 11 PRIOR APPLICATION DATA:  
 12 ALTERNATIVE REFERENCE: 1970/04/04  
 13 FILING DATE: MAY 20, 1970  
 14 ALTERNATIVE REFERENCE: 1970/04/04  
 15 NAME: WATKINS, RICHARD L.  
 16 REFERENCE NUMBER: 12, 12.7  
 17 REFERENCE NUMBER: 12, 12.7  
 18 REFERENCE NUMBER: 12, 12.7  
 19 TELEPHONE: (213) 489 1400  
 20 TELEPHONE: (213) 955 0440  
 21 TELEPHONE: 67 0510  
 22 REFERENCE FOR SUB ID NO: 7.  
 23 SEQUENCE CHARACTERISTICS:  
 24 LENGTH: 40 amino acids  
 25 TYPE: amino acid  
 26 STRANDNESS: single  
 27 TOPOLOGY: linear  
 28 MOLECULE TYPE: peptide  
 29

Query Match	5.18%	Section 2.59	abs 4	Length 30
Best Local Similarity	100.00%	Prod. No. 4	80.00%	
Matches	29	Conservation	0	Indels

[illegible]

1 RES-001 18  
 2 US-000001 445-15  
 3 September 15, Application US-0000145  
 4 Patent No. 6,228,411  
 5 INVENTOR: HIRSHFELD;  
 6 ATTORNEY: HOLLIN J. LILL  
 7 TITLE OF INVENTION: STORAGE OF EVIDENCE AND RELATING  
 8 TITLE OF INVENTION: FROM RELATIONSHIP OF EVIDENCE  
 9 NUMBER OF SEQUENCE: 18  
 10 CORRESPONDENT ADDRESS:  
 11 ADDRESS: Lyon & Lyon  
 12 STREET: 644 West 41th Street  
 13 STREET: Suite 4700  
 14 CITY: Los Angeles  
 15 STATE: California  
 16 COUNTRY: U.S.A.  
 17 ZIP: 90007-2066  
 18 COMPUTER READABLE FORM:  
 19 MEDIUM TYPE: 2 cm diskettes 1 44 MB  
 20 MEDIUM TYPE: Storage  
 21 COMPUTER: IBM compatible  
 22 COLLECTION: EXCISE: IBM PC, DOS 3.3  
 23 SOFTWARE: FastShot Windows 3.1  
 24 APPLICATION DATA:  
 25 ATTORNEY'S NAME: HOLLIN J. LILL  
 26 FILING DATE: November  
 27 CLASSIFICATION:  
 28 PRIOR APPLICATION DATA:  
 29 APPLICATION NUMBER: 62/047,222  
 30 FILING DATE: May 23, 1997  
 31 AGENCY/AGENT: INVENTOR:  
 32 NAME: HIRSHFELD, RICHARD J.  
 33 RESIDENTIAL ADDRESS: 445-15



































[illegible]















[illegible][illegible]











[illegible][illegible][illegible]

Received 14 May 1993; accepted 10 June 1993

19. J. A. Roberts, *Chem. Soc. Rev.*, **1990**, 105.

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11. J. H. J. VAN DIJK, *Journal of Polymer Science: Polymer Chemistry Edition*, **7**, 25 (1969).

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RT "The Molecular Identification and Characterisation of a Candidate Gene for Cell Detaching Factor from *Trichostema viridifolium*."

KM Hypothetical protein, accession number Z06987; amino acid sequence 2191-66, molecular weight 22.7 kDa.

Category	Value	Unit
Weight	6.00	kg
Height	1.59	m
Heart Rate	159	beats/min
Stroke Volume	100	ml
Cardiac Output	15.9	l/min
Mean Arterial Pressure	93	mmHg
Systemic Vascular Resistance	16.0	mmHg/l/min
Pulmonary Vascular Resistance	1.0	mmHg/l/min
Left Ventricular End Diastolic Volume	120	ml
Left Ventricular Stroke Volume	70	ml
Left Ventricular Ejection Fraction	0.58	
Right Ventricular End Diastolic Volume	120	ml
Right Ventricular Stroke Volume	70	ml
Right Ventricular Ejection Fraction	0.58	
Left Atrial End Diastolic Volume	120	ml
Left Atrial Stroke Volume	70	ml
Left Atrial Ejection Fraction	0.58	
Right Atrial End Diastolic Volume	120	ml
Right Atrial Stroke Volume	70	ml
Right Atrial Ejection Fraction	0.58	
Left Ventricle End Diastolic Pressure	120	mmHg
Left Ventricle Stroke Volume	70	ml
Left Ventricle Ejection Fraction	0.58	
Right Ventricle End Diastolic Pressure	120	mmHg
Right Ventricle Stroke Volume	70	ml
Right Ventricle Ejection Fraction	0.58	
Left Atrium End Diastolic Pressure	120	mmHg
Left Atrium Stroke Volume	70	ml
Left Atrium Ejection Fraction	0.58	
Right Atrium End Diastolic Pressure	120	mmHg
Right Atrium Stroke Volume	70	ml
Right Atrium Ejection Fraction	0.58	

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118 - KLEIN, ALFRAK, and POLYMER, - "NITROGENATED CARBON KINETICALLY STABILIZED" 177

173 - SULPHONIC ACID CATIONIC POLYMERIZATION OF 2-VINYLBENZOTHIOPHENE

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1. The first step in the process of identifying a potential target for a specific disease is to identify the disease and its associated symptoms. This is typically done by reviewing medical literature and consulting with medical professionals. Once the disease and its symptoms are identified, the next step is to identify the potential target. This is typically done by reviewing the disease's pathophysiology and identifying the underlying molecular mechanisms. Once the potential target is identified, the next step is to develop a specific test for the target. This is typically done by developing a specific assay or test that can detect the presence of the target in a sample. Once the test is developed, the next step is to validate the test. This is typically done by testing the test on a large number of samples and comparing the results to known results. Once the test is validated, the next step is to use the test to identify potential targets for a specific disease.

2. The second step in the process of identifying a potential target for a specific disease is to identify the disease and its associated symptoms. This is typically done by reviewing medical literature and consulting with medical professionals. Once the disease and its symptoms are identified, the next step is to identify the potential target. This is typically done by reviewing the disease's pathophysiology and identifying the underlying molecular mechanisms. Once the potential target is identified, the next step is to develop a specific test for the target. This is typically done by developing a specific assay or test that can detect the presence of the target in a sample. Once the test is developed, the next step is to validate the test. This is typically done by testing the test on a large number of samples and comparing the results to known results. Once the test is validated, the next step is to use the test to identify potential targets for a specific disease.

3. The third step in the process of identifying a potential target for a specific disease is to identify the disease and its associated symptoms. This is typically done by reviewing medical literature and consulting with medical professionals. Once the disease and its symptoms are identified, the next step is to identify the potential target. This is typically done by reviewing the disease's pathophysiology and identifying the underlying molecular mechanisms. Once the potential target is identified, the next step is to develop a specific test for the target. This is typically done by developing a specific assay or test that can detect the presence of the target in a sample. Once the test is developed, the next step is to validate the test. This is typically done by testing the test on a large number of samples and comparing the results to known results. Once the test is validated, the next step is to use the test to identify potential targets for a specific disease.

4. The fourth step in the process of identifying a potential target for a specific disease is to identify the disease and its associated symptoms. This is typically done by reviewing medical literature and consulting with medical professionals. Once the disease and its symptoms are identified, the next step is to identify the potential target. This is typically done by reviewing the disease's pathophysiology and identifying the underlying molecular mechanisms. Once the potential target is identified, the next step is to develop a specific test for the target. This is typically done by developing a specific assay or test that can detect the presence of the target in a sample. Once the test is developed, the next step is to validate the test. This is typically done by testing the test on a large number of samples and comparing the results to known results. Once the test is validated, the next step is to use the test to identify potential targets for a specific disease.























































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1. The first step in the process of identifying a protein is to determine its molecular weight and isoelectric point (pI). This is typically done using SDS-PAGE and 2D-PAGE, respectively. The molecular weight is determined by comparing the migration of the protein to that of known standards. The pI is determined by comparing the migration of the protein to that of known standards.

2. Once the molecular weight and pI are known, the next step is to identify the protein. This is typically done using mass spectrometry (MS) or protein databases. MS involves ionizing the protein and measuring its mass-to-charge ratio (m/z). Protein databases contain information about the molecular weight, pI, and other properties of known proteins. By comparing the experimental data to the database information, the protein can be identified.

3. Once the protein is identified, the next step is to determine its function. This is typically done using a combination of biochemical assays and computational methods. Biochemical assays involve measuring the activity of the protein in various conditions. Computational methods involve analyzing the protein's structure and sequence to predict its function.

4. The final step in the process is to determine the protein's role in the cell. This is typically done using a combination of genetic and biochemical methods. Genetic methods involve studying the effects of mutations in the protein on the cell. Biochemical methods involve measuring the activity of the protein in various conditions.

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1. The first group of students (Group A) was assigned to the traditional lecture method. They received a 45-minute lecture on the topic of "The Role of the Teacher in the Classroom." The lecture was delivered by the instructor, who provided a detailed overview of the topic and answered any questions that arose.

Mathematics 2022, 10, 1000

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TABLE 2. Number of results predicted by chance to have a score better than or equal to the score of the result being predicted, and the probability of observing such a result in the total score distribution.

 $\sim 1$  MNAK : 1 : 1 : 1

Species	Sex	Age	Weight (g)	Length (mm)	Wing (mm)	Tarsus (mm)	Middle toe (mm)	Bill (mm)	Claw (mm)	Sexual characters
<i>Oryzopsis</i>	♂	1	10.5	110	65	25	15	10	5	♂
<i>Oryzopsis</i>	♀	1	10.5	110	65	25	15	10	5	♀
<i>Oryzopsis</i>	♂	1	10.5	110	65	25	15	10	5	♂
<i>Oryzopsis</i>	♀	1	10.5	110	65	25	15	10	5	♀
<i>Oryzopsis</i>	♂	1	10.5	110	65	25	15	10	5	♂
<i>Oryzopsis</i>	♀	1	10.5	110	65	25	15	10	5	♀
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<i>Oryzopsis</i>	♀	1	10.5	110	65	25	15	10	5	♀
<i>Oryzopsis</i>	♂	1	10.5	110	65	25	15	10	5	♂
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<i>Oryzopsis</i>	♂	1	10.5	110	65	25	15	10	5	♂
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(5) Homo sapiens (human).

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SHOUH-NGH FROM N. A.

Human cell lines for production of virus

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919.48: Ducty, Muriel

Mal'vines 757; (Conservatively):

Figure 1 illustrates the developmental stages of a chick embryo, from fertilization to hatching. The sequence consists of 18 drawings arranged vertically. The top drawing shows a single cell. Subsequent drawings show the formation of a blastula, gastrula, and the development of the embryo's body, including the head, beak, and legs. The final drawing at the bottom shows a fully formed chick with its beak and legs extended, ready to hatch from the egg.

Figure 1 is a schematic representation of the experimental design. It shows a sequence of events: a subject is presented with a stimulus (a face), then a response is recorded (a button press), and finally, the subject is asked to rate the stimulus (a rating scale). The stimulus is presented for 100 ms, and the response is recorded for 100 ms. The rating scale is shown with a range from 1 to 10.























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[illegible]







































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[illegible][illegible]

protein-tyrosine phosphatase (EC 3.1.4.30) by mouse Malvenuto nanites: protein-tyrosine phosphatase (EC 3.1.4.30)

[illegible]

(<sup>1</sup>H)Acquisition: CHCl<sub>3</sub>; P<sub>1</sub>SO<sub>4</sub><sup>-</sup>; P<sub>2</sub>SO<sub>4</sub><sup>-</sup>; P<sub>3</sub>SO<sub>4</sub><sup>-</sup>; (40°) 180°

Karen Herdick, J.; Puls, C. E. G. M.; Polik, L. J. G.; Kruiver, W.

A. H. H. B. Differentiated expression of a novel *hml* gene in *Arabidopsis*

A<sub>2</sub> Reference number: 111600; M110: 9.27.2.14

A: Accession: JH0609

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1905.

LONDON:  
PUBLISHED BY THE SECRETARY,  
BRITISH MUSEUM, NATURAL HISTORY DEPARTMENT,  
AND SOLD BY ALL BOOKSELLERS.  
1905.

$\Gamma_0(N) \backslash \mathbb{H}^n$ ,  $N \geq 1$ ,  $n \geq 2$ . The main results are:

A: Experimental solution: carbon fiber (1.5 g) + 100 ml of 1,2-dichloroethane.

A: *Stichting: Middelgroot gebied*

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*A. fessidinus*: 88 g/l, C<sub>1</sub> 593 110, C<sub>2</sub> 126 512, C<sub>3</sub> 126 512.

$$A: A^{\infty}(S^1, S^1) \rightarrow \{0, 1\} \quad \{1, 2, 3\} \rightarrow \{6, 1, 3\}$$

*A. S. ILLIUS: Molecular action of ethyl*

A: Modelled by type: mean

As a general method, sources of employment are

$$u(t) = \begin{cases} 0 & t < 0 \\ 1 & 0 \leq t \leq 1 \\ 0 & t > 1 \end{cases}$$

**Abstract:** nucleic acid sequencing in the laboratory

Acknowledgments: We thank Dr. G. L. Fisher, J. A. H. Murray, and Dr. M. J. Griffin for their helpful comments on earlier drafts of this manuscript.

[illegible]

Edwin T. Cleveland, J.D., M.D., F.N.

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[illegible][illegible]

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Table 1. *Continued*

[illegible]

STANLEY T. CROUCH, JR., 1930-1931, 1932-1933, 1934-1935, 1936-1937, 1938-1939, 1940-1941, 1942-1943, 1944-1945, 1946-1947, 1948-1949, 1950-1951, 1952-1953, 1954-1955, 1956-1957, 1958-1959, 1960-1961, 1962-1963, 1964-1965, 1966-1967, 1968-1969, 1970-1971, 1972-1973, 1974-1975, 1976-1977, 1978-1979, 1980-1981, 1982-1983, 1984-1985, 1986-1987, 1988-1989, 1990-1991, 1992-1993, 1994-1995, 1996-1997, 1998-1999, 2000-2001, 2002-2003, 2004-2005, 2006-2007, 2008-2009, 2010-2011, 2012-2013, 2014-2015, 2016-2017, 2018-2019, 2020-2021, 2022-2023, 2024-2025, 2026-2027, 2028-2029, 2030-2031, 2032-2033, 2034-2035, 2036-2037, 2038-2039, 2040-2041, 2042-2043, 2044-2045, 2046-2047, 2048-2049, 2050-2051, 2052-2053, 2054-2055, 2056-2057, 2058-2059, 2060-2061, 2062-2063, 2064-2065, 2066-2067, 2068-2069, 2070-2071, 2072-2073, 2074-2075, 2076-2077, 2078-2079, 2080-2081, 2082-2083, 2084-2085, 2086-2087, 2088-2089, 2090-2091, 2092-2093, 2094-2095, 2096-2097, 2098-2099, 2100-2101, 2102-2103, 2104-2105, 2106-2107, 2108-2109, 2110-2111, 2112-2113, 2114-2115, 2116-2117, 2118-2119, 2120-2121, 2122-2123, 2124-2125, 2126-2127, 2128-2129, 2130-2131, 2132-2133, 2134-2135, 2136-2137, 2138-2139, 2140-2141, 2142-2143, 2144-2145, 2146-2147, 2148-2149, 2150-2151, 2152-2153, 2154-2155, 2156-2157, 2158-2159, 2160-2161, 2162-2163, 2164-2165, 2166-2167, 2168-2169, 2170-2171, 2172-2173, 2174-2175, 2176-2177, 2178-2179, 2180-2181, 2182-2183, 2184-2185, 2186-2187, 2188-2189, 2190-2191, 2192-2193, 2194-2195, 2196-2197, 2198-2199, 2200-2201, 2202-2203, 2204-2205, 2206-2207, 2208-2209, 2210-2211, 2212-2213, 2214-2215, 2216-2217, 2218-2219, 2220-2221, 2222-2223, 2224-2225, 2226-2227, 2228-2229, 2230-2231, 2232-2233, 2234-2235, 2236-2237, 2238-2239, 2240-2241, 2242-2243, 2244-2245, 2246-2247, 2248-2249, 2250-2251, 2252-2253, 2254-2255, 2256-2257, 2258-2259, 2260-2261, 2262-2263, 2264-2265, 2266-2267, 2268-2269, 2270-2271, 2272-2273, 2274-2275, 2276-2277, 2278-2279, 2280-2281, 2282-2283, 2284-2285, 2286-2287, 2288-2289, 2290-2291, 2292-2293, 2294-2295, 2296-2297, 2298-2299, 2300-2301, 2302-2303, 2304-2305, 2306-2307, 2308-2309, 2310-2311, 2312-2313, 2314-2315, 2316-2317, 2318-2319, 2320-2321, 2322-2323, 2324-2325, 2326-2327, 2328-2329, 2330-2331, 2332-2333, 2334-2335, 2336-2337, 2338-2339, 2340-2341, 2342-2343, 2344-2345, 2346-2347, 2348-2349, 2350-2351, 2352-2353, 2354-2355, 2356-2357, 2358-2359, 2360-2361, 2362-2363, 2364-2365, 2366-2367, 2368-2369, 2370-2371, 2372-2373, 2374-2375, 2376-2377, 2378-2379, 2380-2381, 2382-2383, 2384-2385, 2386-2387, 2388-2389, 2390-2391, 2392-2393, 2394-2395, 2396-2397, 2398-2399, 2400-2401, 2402-2403, 2404-2405, 2406-2407, 2408-2409, 2410-2411, 2412-2413, 2414-2415, 2416-2417, 2418-2419, 2420-2421, 2422-2423, 2424-2425, 2426-2427, 2428-2429, 2430-2431, 2432-2433, 2434-2435, 2436-2437, 2438-2439, 2440-2441, 2442-2443, 2444-2445, 2446-2447, 2448-2449, 2450-2451, 2452-2453, 2454-2455, 2456-2457, 2458-2459, 2460-2461, 2462-2463, 2464-2465, 2466-2467, 2468-2469, 2470-2471, 2472-2473, 2474-2475, 2476-2477, 2478-2479, 2480-2481, 2482-2483, 2484-2485, 2486-2487, 2488-2489, 2490-2491, 2492-2493, 2494-2495, 2496-2497, 2498-2499, 2500-2501, 2502-2503, 2504-2505, 2506-2507, 2508-2509, 2510-2511, 2512-2513, 2514-2515, 2516-2517, 2518-2519, 2520-2521, 2522-2523, 2524-2525, 2526-2527, 2528-2529, 2530-2531, 2532-2533, 2534-2535, 2536-2537, 2538-2539, 2540-2541, 2542-2543, 2544-2545, 2546-2547, 2548-2549, 2550-2551, 2552-2553, 2554-2555, 2556-2557, 2558-2559, 2560-2561, 2562-2563, 2564-2565, 2566-2567, 2568-2569, 2570-2571, 2572-2573, 2574-2575, 2576-2577, 2578-2579, 2580-2581, 2582-2583, 2584-2585, 2586-2587, 2588-2589, 2590-2591, 2592-2593, 2594-2595, 2596-2597, 2598-2599, 2600-2601, 2602-2603, 2604-2605, 2606-2607, 2608-2609, 2610-2611, 2612-2613, 2614-2615, 2616-2617, 2618-2619, 2620-2621, 2622-2623, 2624-2625, 2626-2627, 2628-2629, 2630-2631, 2632-2633, 2634-2635, 2636-2637, 2638-2639, 2640-2641, 2642-2643, 2644-2645, 2646-2647, 2648-2649, 2650-2651, 2652-2653, 2654-2655, 2656-2657, 2658-2659, 2660-2661, 2662-2663, 2664-2665, 2666-2667, 2668-2669, 2670-2671, 2

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**Abstract.** We study the asymptotic behavior of the eigenvalues of the Dirac operator associated with the Dirac–Klein–Gordon system in the exterior of a black hole spacetime. The Dirac operator is perturbed by a potential function which decays at infinity. We show that the spectrum has a discrete part consisting of eigenvalues with finite multiplicity and a continuous part starting from a positive constant. The eigenvalues are bounded away from zero and their asymptotic distribution is determined by the scattering matrix of the Dirac operator.

[illegible][illegible][illegible]

**Abstract.** We study the asymptotic behavior of the eigenvalues of the Dirac operator associated with the Dirac–Klein–Gordon system in the presence of a magnetic field. The Dirac–Klein–Gordon system is a relativistic quantum field theory describing the interaction between a fermion and a scalar boson. In the presence of a magnetic field, the Dirac operator is modified by the vector potential. We consider the case where the magnetic field is constant and the Dirac operator is self-adjoint. The eigenvalues of the Dirac operator are real and discrete. We show that the eigenvalues converge to the eigenvalues of the Dirac operator in the absence of a magnetic field as the strength of the magnetic field goes to zero. This result is important for understanding the physical properties of the Dirac–Klein–Gordon system in the presence of a magnetic field.

A. A. Kiselev, *Department of Mathematics, Moscow State University, Moscow, 119899, Russia*  
E-mail: kiselev@math.msu.ru

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K. S. STEIN, S. H. Z. KATZ, J. M. LEE, J. E. JOSEPH, B. L. J. CHITTON, E. N. NUTT, 652, 740-739, 1991

A: Exact thermal source; B: exact catalytic cycles

$\Gamma_2$  (coupled) (CS);  
 A. C. F. 0001, 0108, 0116, 0166  
 A. C. F. 0002, 0040, 0000, 0001, 0002, 0003, 0004, 0005, 0006, 0007, 0008, 0009, 0010, 0011, 0012, 0013, 0014, 0015, 0016, 0017, 0018, 0019, 0020, 0021, 0022, 0023, 0024, 0025, 0026, 0027, 0028, 0029, 0030, 0031, 0032, 0033, 0034, 0035, 0036, 0037, 0038, 0039, 0040, 0041, 0042, 0043, 0044, 0045, 0046, 0047, 0048, 0049, 0050, 0051, 0052, 0053, 0054, 0055, 0056, 0057, 0058, 0059, 0060, 0061, 0062, 0063, 0064, 0065, 0066, 0067, 0068, 0069, 0070, 0071, 0072, 0073, 0074, 0075, 0076, 0077, 0078, 0079, 0080, 0081, 0082, 0083, 0084, 0085, 0086, 0087, 0088, 0089, 0090, 0091, 0092, 0093, 0094, 0095, 0096, 0097, 0098, 0099, 0100, 0101, 0102, 0103, 0104, 0105, 0106, 0107, 0108, 0109, 0110, 0111, 0112, 0113, 0114, 0115, 0116, 0117, 0118, 0119, 0120, 0121, 0122, 0123, 0124, 0125, 0126, 0127, 0128, 0129, 0130, 0131, 0132, 0133, 0134, 0135, 0136, 0137, 0138, 0139, 0140, 0141, 0142, 0143, 0144, 0145, 0146, 0147, 0148, 0149, 0150, 0151, 0152, 0153, 0154, 0155, 0156, 0157, 0158, 0159, 0160, 0161, 0162, 0163, 0164, 0165, 0166, 0167, 0168, 0169, 0170, 0171, 0172, 0173, 0174, 0175, 0176, 0177, 0178, 0179, 0180, 0181, 0182, 0183, 0184, 0185, 0186, 0187, 0188, 0189, 0190, 0191, 0192, 0193, 0194, 0195, 0196, 0197, 0198, 0199, 0200, 0201, 0202, 0203, 0204, 0205, 0206, 0207, 0208, 0209, 0210, 0211, 0212, 0213, 0214, 0215, 0216, 0217, 0218, 0219, 0220, 0221, 0222, 0223, 0224, 0225, 0226, 0227, 0228, 0229, 0230, 0231, 0232, 0233, 0234, 0235, 0236, 0237, 0238, 0239, 0240, 0241, 0242, 0243, 0244, 0245, 0246, 0247, 0248, 0249, 0250, 0251, 0252, 0253, 0254, 0255, 0256, 0257, 0258, 0259, 0260, 0261, 0262, 0263, 0264, 0265, 0266, 0267, 0268, 0269, 0270, 0271, 0272, 0273, 0274, 0275, 0276, 0277, 0278, 0279, 0280, 0281, 0282, 0283, 0284, 0285, 0286, 0287, 0288, 0289, 0290, 0291, 0292, 0293, 0294, 0295, 0296, 0297, 0298, 0299, 0300, 0301, 0302, 0303, 0304, 0305, 0306, 0307, 0308, 0309, 0310, 0311, 0312, 0313, 0314, 0315, 0316, 0317, 0318, 0319, 0320, 0321, 0322, 0323, 0324, 0325, 0326, 0327, 0328, 0329, 0330, 0331, 0332, 0333, 0334, 0335, 0336, 0337, 0338, 0339, 0340, 0341, 0342, 0343, 0344, 0345, 0346, 0347, 0348, 0349, 0350, 0351, 0352, 0353, 0354, 0355, 0356, 0357, 0358, 0359, 0360, 0361, 0362, 0363, 0364, 0365, 0366, 0367, 0368, 0369, 0370, 0371, 0372, 0373, 0374, 0375, 0376, 0377, 0378, 0379, 0380, 0381, 0382, 0383, 0384, 0385, 0386, 0387, 0388, 0389, 0390, 0391, 0392, 0393, 0394, 0395, 0396, 0397, 0398, 0399, 0400, 0401, 0402, 0403, 0404, 0405, 0406, 0407, 0408, 0409, 0410, 0411, 0412, 0413, 0414, 0415, 0416, 0417, 0418, 0419, 0420, 0421, 0422, 0423, 0424, 0425, 0426, 0427, 0428, 0429, 0430, 0431, 0432, 0433, 0434, 0435, 0436, 0437, 0438, 0439, 0440, 0441, 0442, 0443, 0444, 0445, 0446, 0447, 0448, 0449, 0450, 0451, 0452, 0453, 0454, 0455, 0456, 0457, 0458, 0459, 0460, 0461, 0462, 0463, 0464, 0465, 0466, 0467, 0468, 0469, 0470, 0471, 0472, 0473, 0474, 0475, 0476, 0477, 0478, 0479, 0480, 0481, 0482, 0483, 0484, 0485, 0486, 0487, 0488, 0489, 0490, 0491, 0492, 0493, 0494, 0495, 0496, 0497, 0498, 0499, 0500, 0501, 0502, 0503, 0504, 0505, 0506, 0507, 0508, 0509, 0510, 0511, 0512, 0513, 0514, 0515, 0516, 0517, 0518, 0519, 0520, 0521, 0522, 0523, 0524, 0525, 0526, 0527, 0528, 0529, 0530, 0531, 0532, 0533, 0534, 0535, 0536, 0537, 0538, 0539, 0540, 0541, 0542, 0543, 0544, 0545, 0546, 0547, 0548, 0549, 0550, 0551, 0552, 0553, 0554, 0555, 0556, 0557, 0558, 0559, 0560, 0561, 0562, 0563, 0564, 0565, 0566, 0567, 0568, 0569, 0570, 0571, 0572, 0573, 0574, 0575, 0576, 0577, 0578, 0579, 0580, 0581, 0582, 0583, 0584, 0585, 0586, 0587, 0588, 0589, 0590, 0591, 0592, 0593, 0594, 0595, 0596, 0597, 0598, 0599, 0600, 0601, 0602, 0603, 0604, 0605, 0606, 0607, 0608, 0609, 0610, 0611, 0612, 0613, 0614, 0615, 0616, 0617, 0618, 0619, 0620, 0621, 0622, 0623, 0624, 0625, 0626, 0627, 0628, 0629, 0630, 0631, 0632, 0633, 0634, 0635, 0636, 0637, 0638, 0639, 0640, 0641, 0642, 0643, 0644, 0645, 0646, 0647, 0648, 0649, 0650, 0651, 0652, 0653, 0654, 0655, 0656, 0657, 0658, 0659, 0660, 0661, 0662, 0663, 0664, 0665, 0666, 0667, 0668, 0669,

**02-Supplement 1:** protein-tyrosine phosphatase, nonreceptor type 6; protein-tyrosine-phosphatase, fibroblast-induced; phosphotyrosine substrate hydrolyase; tyrosine-specific phosphatase [EC 3.1.4.79]

17-265 521/10mln: phosphate catalytic domain status predicted, pH: 7.70, catalytic: protein tyrosine phosphatase homology, PTP

new covariate	of covariates	total	NO <sub>2</sub>	4,4-dc	2,1-dc
Matches	127	1,012	108	108	108
Manufactures	108	108	108	108	108
Models	5,72	5,72	5,72	5,72	5,72
Chips	131	131	131	131	131

266 QIUFANG ZHANG, JIANFENG ZHANG, YONGYU ZHANG, YONGYU ZHANG, & YU

420 TOTAL WATER BODIES AND WATERSHEDS OF THE ILLINOIS MEADOWLANDS OF THE 804

[illegible][illegible][illegible][illegible]

© Species: *Mus musculus* (house mouse)  
 © Date: 22 May 1999  
 © Location: Singapore, Singapore, 008 1999  
 © Project: 1999

EBERS J, LUTZ J, LUTZ J, 1991

A: Molecule type: mRNA  
A: residues: 1-1452 - CCH.

**Keywords:** phosphatase, tyrosine phosphatase, receptor type III, tyrosine kinase, tyrosine phosphorylation, tyrosine phosphatase, receptor type III

F2-21 [45-2]/Protein: protein-tyrosine phosphatase, receptor type III as predicted  
F2-21 [45-2]/Monomer: extracellular #st as predicted - EX1 -  
F2-21 [45-2]/Monomer: monomer as predicted



[illegible][illegible]



















[illegible][illegible]

The present *luciferase* sequence is that of the cytoplasmic lymphoid *luciferase* protein (the phosphatase) but a protein that has a similar structure to *adenine*. The non catalytic portion of the phosphatase contains unique sequences including a stretch of 122 sequence rich in proline or Asp. Ser and Glu. This is expressed structurally in total liver and in testis and lymphoid cells. Type 1 is an isoform of the type one that arises by alternative splicing of the mRNA, the entire sequence of type one is for the terminal 7 amino acids and part of the 3' untranslated region of type 2. Type 2 contains sequence identical with the non catalytic portion of type 1. The functions are important in the regulation of cell and cytokine receptor stimulation and for early and late stages of T cell differentiation. The type 2 has immunoreactive activity. Variants that differ in expression of type protein can be used as immunosuppressive agents. The number of proline rich and other amino acids in the amino terminal lymphoid and liver type 1 and 2 are different. The amino terminal amino acids and terminal amino acids.

Quantity	Match	Stimulus	Response	Length	Weight
First	100	100	100	100	100
Second	100	100	100	100	100
Third	100	100	100	100	100
Fourth	100	100	100	100	100
Fifth	100	100	100	100	100
Sixth	100	100	100	100	100
Seventh	100	100	100	100	100
Eighth	100	100	100	100	100
Ninth	100	100	100	100	100
Tenth	100	100	100	100	100
Eleventh	100	100	100	100	100
Twelfth	100	100	100	100	100
Thirteenth	100	100	100	100	100
Fourteenth	100	100	100	100	100
Fifteenth	100	100	100	100	100
Sixteenth	100	100	100	100	100
Seventeenth	100	100	100	100	100
Eighteenth	100	100	100	100	100
Nineteenth	100	100	100	100	100
Twentieth	100	100	100	100	100
Twenty-first	100	100	100	100	100
Twenty-second	100	100	100	100	100
Twenty-third	100	100	100	100	100
Twenty-fourth	100	100	100	100	100
Twenty-fifth	100	100	100	100	100
Twenty-sixth	100	100	100	100	100
Twenty-seventh	100	100	100	100	100
Twenty-eighth	100	100	100	100	100
Twenty-ninth	100	100	100	100	100
Thirtieth	100	100	100	100	100
Thirty-first	100	100	100	100	100
Thirty-second	100	100	100	100	100
Thirty-third	100	100	100	100	100
Thirty-fourth	100	100	100	100	100
Thirty-fifth	100	100	100	100	100
Thirty-sixth	100	100	100	100	100
Thirty-seventh	100	100	100	100	100
Thirty-eighth	100	100	100	100	100
Thirty-ninth	100	100	100	100	100
Fortieth	100	100	100	100	100
Forty-first	100	100	100	100	100
Forty-second	100	100	100	100	100
Forty-third	100	100	100	100	100
Forty-fourth	100	100	100	100	100
Forty-fifth	100	100	100	100	100
Forty-sixth	100	100	100	100	100
Forty-seventh	100	100	100	100	100
Forty-eighth	100	100	100	100	100
Forty-ninth	100	100	100	100	100
Fiftieth	100	100	100	100	100
Fifty-first	100	100	100	100	100
Fifty-second	100	100	100	100	100
Fifty-third	100	100	100	100	100
Fifty-fourth	100	100	100	100	100
Fifty-fifth	100	100	100	100	100
Fifty-sixth	100	100	100	100	100
Fifty-seventh	100	100	100	100	100
Fifty-eighth	100	100	100	100	100
Fifty-ninth	100	100	100	100	100
Sixtieth	100	100	100	100	100
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120. The following are the names of the authors of the following books. Write the name of the author in the space provided.

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Age Group	1990	1995	2000	2005	2010	2015	2020
0-14	15.0	14.5	14.0	13.5	13.0	12.5	12.0
15-24	12.0	11.5	11.0	10.5	10.0	9.5	9.0
25-34	10.0	9.5	9.0	8.5	8.0	7.5	7.0
35-44	8.0	7.5	7.0	6.5	6.0	5.5	5.0
45-54	6.0	5.5	5.0	4.5	4.0	3.5	3.0
55-64	4.0	3.5	3.0	2.5	2.0	1.5	1.0
65+	2.0	2.5	3.0	3.5	4.0	4.5	5.0

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1.  $\frac{1}{2} \int_0^1 \frac{1}{x} dx$   
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 8.  $\frac{1}{2} \int_0^1 \frac{1}{x} dx$   
 9.  $\frac{1}{2} \int_0^1 \frac{1}{x} dx$   
 10.  $\frac{1}{2} \int_0^1 \frac{1}{x} dx$

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